| | | | - KU |
|--|---|--|------------|
| | Application No. | Applicant(s) | |
| | 09/955,600 | HAYASHI ET AL. | |
| Notice of Allowability | Examiner | Art Unit | |
| | Tuan H. Nguyen | 2813 | |
| The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS I herewith (or previously mailed), a Notice of Allowance (PTOL-8 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3 | S (OR REMAINS) CLOSED in 5) or other appropriate common RIGHTS. This application is s | n this application. If not included unication will be mailed in due co | urse. THIS |
| 1. \boxtimes This communication is responsive to <u>RCE dated</u> . | | | |
| 2. ⊠ The allowed claim(s) is/are <u>12 and 13</u> . | | | |
| 3. 🗵 The drawings filed on 19 September 2001 are accepted | by the Examiner. | | |
| 4. Acknowledgment is made of a claim for foreign priority a) All b) Some* c) None of the: 1. Certified copies of the priority documents hat 2. Certified copies of the priority documents hat 3. Copies of the certified copies of the priority of International Bureau (PCT Rule 17.2(a)). * Certified copies not received: | ive been received. Ive been received in Application | on No. <u>09/361,246</u> . | n from the |
| Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. | | e a reply complying with the requi | rements |
| 5. A SUBSTITUTE OATH OR DECLARATION must be sub INFORMAL PATENT APPLICATION (PTO-152) which g | | | TICE OF |
| 6. CORRECTED DRAWINGS (as "replacement sheets") m | nust be submitted. | | |
| (a) including changes required by the Notice of Draftspo | erson's Patent Drawing Review | w (PTO-948) attached | |
| 1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date | <u>_</u> . | | |
| (b) ☐ including changes required by the attached Examine Paper No./Mail Date | er's Amendment / Comment o | r in the Office action of | |
| Identifying indicia such as the application number (see 37 CFF each sheet. Replacement sheet(s) should be labeled as such in | | | ck) of |
| DEPOSIT OF and/or INFORMATION about the department department regarding REQUIREMEN | | | e the |
| Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948 | B) 6. ☐ Interview S Paper No. | formal Patent Application (PTO-1 ummary (PTO-413), /Mail Date | 52) |
| Information Disclosure Statements (PTO-1449 or PTO/SE Paper No./Mail Date | | Amendment/Comment | |
| 4. Examiner's Comment Regarding Requirement for Deposition Example State | | Statement of Reasons for Allowa | ince |
| of Biological Material | 9. | Tuan H. Nguyen Primary Examiner Art Unit: 2813 | yen |

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: None of the references of record teaches or suggests the claimed semiconductor device including a second nitride based semiconductor layer containing at least one of boron, gallium, aluminum and indium, formed on the insulating films formed on the bottom surface of the recesses and top surfaces of the projections, and having a flattened surface; a third nitride based semiconductor layer formed on the flattened surface of the second nitride based semiconductor layer.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan H. Nguyen whose telephone number is 571-272-1694. The examiner can normally be reached on 9AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl Whitehead Jr. can be reached on 571-272-1702. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tuan H. Nguyen
Primary Examiner
Art Unit 2813